



**Evans Vanodine** International plc

G L O B A L H Y G I E N E S O L U T I O N S

# TRIGON FOAM PLUS



## MICROBIOLOGICAL PROFILE

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## INTRODUCTION

TRIGON FOAM PLUS is an unperfumed, bactericidal foaming hand wash. It provides a soft, cleansing foam and contains ingredients which moisturise and encourage skin repair.

TRIGON FOAM PLUS is gentle to skin and therefore ideal when frequent hand washing is necessary.

TRIGON FOAM PLUS is supplied in a sealed cartridge for use in Evans Evolve foam soap dispensers producing over 550 washes per cartridge.

TRIGON FOAM PLUS has been tested with EN methods and meets the specifications of EN 1499, 1276 and 13727.

EN 1276 and EN 13727 tests were carried out in the UKAS accredited Microbiology Laboratory of Evans Vanodine International PLC. (Testing Number 1108).  
EN 1499 was performed at an independent laboratory.

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*Escherichia coli* K12

### BACTERICIDAL ACTIVITY :- EN 1276, EN 13727

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*Enterococcus hirae*

*Escherichia coli*

*Pseudomonas aeruginosa*

*Staphylococcus aureus*

A glossary of microbiological and chemical terms is available on request

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## Practical test for Hygienic Handwash using

### EN 1499

BACTERIA	DISEASE / INFECTION	HANDWASH PROCEDURE	SPECIFICATION
<i>Escherichia coli</i> K12	Food poisoning	Wet hands, apply 3 pumps* from foaming dispenser onto wetted hands and spread over hands and wrists for 1 minute before rinsing and drying	TRIGON FOAM PLUS meets the requirements of EN 1499 and is therefore deemed suitable to be used as a medical hygienic handwash

\*~ 0.5mls per pump

EN 1499 specifies a test method simulating practical conditions for establishing whether a product for hygienic hand wash reduces the release of transient microbial flora on hands when used to wash artificially contaminated hands of volunteers.

### TEST METHOD REFERENCE

#### EUROPEAN STANDARD: EN 1499:

#### **Chemical disinfectants and antiseptics - Hygienic Hand wash.**

Designed to assess hand wash products by comparison to a reference hand wash preparation.

Test Parameters: 1 minute contact time

Criteria: When tested in accordance with the standard the mean reduction of the release of test organisms achieved by the product shall be statistically significantly larger than that achieved by the reference hand wash.

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## Activity against bacteria in suspension using EN 1276

BACTERIA	DISEASE / INFECTION	Bactericidal dilutions/concentrations under simulated "dirty conditions"*	
		CONTACT TIME	
		5 minutes	
<i>Enterococcus hirae</i>	Urinary tract infections	1:200	0.5%
<i>Escherichia coli</i>	Food poisoning	1:50	2%
<i>Pseudomonas aeruginosa</i>	Opportunistic pathogen, wound, burn infections	1:50	2%
<i>Staphylococcus aureus</i>	Skin, bone and wound infections	1:50	2%

\* As defined in EN 1276 :

### TEST METHOD REFERENCE

#### EUROPEAN STANDARD: EN 1276:

**Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic, and institutional areas**

Designed to test bactericidal products specifically for use in the Food and Catering Industry. It was carried out under "dirty" (representative of surfaces which are known to or may contain organic and/or inorganic materials) conditions.

Test Parameters: 5 minute contact time, 20°C, hard water, dirty conditions.  
Bactericidal Criteria:  $\geq 5$  log reduction  $\equiv$  99.999% reduction.

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## Activity against bacteria in suspension using EN 13727

BACTERIA	DISEASE / INFECTION	Bactericidal dilutions under simulated "dirty conditions"*	
		CONTACT TIME	
		1 minute	
<i>Enterococcus hirae</i>	Urinary tract infections	1:50	2%
<i>Escherichia coli</i> K12	Food poisoning	1:50	2%
<i>Pseudomonas aeruginosa</i>	Opportunistic pathogen, wound, burn infections	1:2	50%
<i>Staphylococcus aureus</i>	Skin, bone and wound infections	1:50	2%

\*As defined in EN 13727

TRIGON FOAM PLUS is deemed to have passed EN 13727 as it demonstrated a 3 log reduction when tested in accordance with the requirements for hygienic handwash products.

### TEST METHOD REFERENCE

#### EUROPEAN STANDARD: EN 13727:

##### **Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity in the medical area.**

Designed to test bactericidal products used in hospitals, health-centres, dental practices, school/nursery clinics and nursing homes where disinfection or antiseptics is medically indicated.

Hygienic hand wash requirements: 1 minute contact time, 20°C, hard water, dirty conditions.  
Bactericidal Criteria:  $\geq 3$  log reduction  $\equiv$  99.9% reduction.